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ARTICLES
FORUM

II-46

ADDITION REQUIRED (data for 1997)
II-46

Experimental medium bomber. R&D - 1949-51. Development of the preliminary design was completed in October 1951 (II-46S project - December 1951). First flight was performed on March 3, 1952 (pilot - V.K. Kokkinaki).

Author: [DIMMI](#)
Created: 16.08.2009 14:33:52
Comments: [1](#)
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Tu-85 BARGE

ADDITION REQUIRED (data for 1997)
Tu-85 BARGE

Heavy bomber, the last military aircraft with piston engines. First flight of the prototype - January 9, 1951, tests and a small series for tests - until 1952.

Author: [DIMMI](#)
Created: 16.08.2009 14:27:32
Comments: [1](#)
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II-30

ADDITION REQUIRED (data for 1997)
II-30

Experimental medium bomber. R&D - mid-1948. The prototype made several runs (did not fly) in September 1949 (pilot - V.K. Kokkinaki).

Author: [DIMMI](#)
Created: 16.08.2009 14:21:11
Comments: [1](#)
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Tu-82 BUTCHER

ADDITION REQUIRED (data for 1997)
Tu-82 BUTCHER

Experimental bomber. Decree on the creation of the aircraft - July 1948. The first flight of object "82" was on March 24, 1949 (pilot A.D. Perelet). Further development of the model - aircraft "83" - was not implemented. It was supposed to give the series the designation Tu-22.

Author: [DIMMI](#)
Created: 16.08.2009 00:32:21
Comments: [1](#)
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Tu-80

ADDITION REQUIRED (data for 1997)
Tu-80

Long-range bomber, development of the Tu-4 design. First flight - December 1, 1949.

Author: [DIMMI](#)
Created: 16.08.2009 00:28:01
Comments: [1](#)
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II-20

ADDITION REQUIRED (data for 1997)
II-20

Experimental heavy armored attack aircraft-bomber. R&D - 1947. First flight - December 1948 (pilot V.K. Kokkinaki). Not accepted into service.


Author: [DIMMI](#)
Created: 16.08.2009 00:13:32
Comments: [1](#)
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II-28 BEAGLE / MASCOT


UPDATE, ILLUSTRATIONS (data for 1997)
II-28 BEAGLE
II-28U MASCOT


Catalog of military equipment:


- AIR
 - Bombers/Strike Aircraft
 - Fighters
 - Transport aircraft
 - Special and training aircraft
 - Helicopters
 - UAV
 - Air-to-air missiles
 - Air-to-ground missiles
 - Aircraft ATGMs
 - Aircraft torpedoes
 - Unguided missiles
 - Aircraft artillery systems
 - Bombs
 - Aviation radars and other equipment
- EARTH
- WATER
- SPACE
- Personalities
- News and updates



















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 137,572	 34,647
 123,545	 32,275
 84,775	 28,249
 71,414	 27,492
 62,144	 25,074



Latest comments

[Electronic warfare complex Khibiny.](#)
PPP Wrote:...After all, Donald Cook has enough RTR systems - he was guaranteed to "write"..."
[Big_Prislon](#) 2017-11-01 18:47

[Electronic warfare complex Khibiny.](#)
Altimeter Wrote:...If the reason for the absence of the first is known, then Voodoo was not bad..."
[Bolshoy_Prislon](#) 2017-11-01 18:28

militaryrussia.ru/blog/index-3-10.html

1/5

Frontline bomber. R & D - 1947. Approval of the Il-28 project in OKB-240 by S.V. Ilyushin - January 12, 1948. First flight of the prototype - July 8, 1948 (pilot V.K. Kokkinaki), state tests - February-April 1949 (with RD-45F engines), first flight with VK-1 engines - August 8, 1949, decision to accept into service and start of serial production - May-September 1949, delivery to the troops - spring 1950. It was produced, in particular, at the State Aviation Plant No. 1 (Moscow, Khodynka) and PO Polet (Omsk). Serial production ceased in 1956-57. (according to the resolution of the USSR Council of Ministers and the Central Committee of the CPSU dated August 12, 1955). By default, the data for Il-28s produced after 1949.

Author: [DIMMI](#) Created: 15.08.2009 20:48:44 Comments: [10](#) [READ THE FULL ARTICLE](#) ➤

[Il-24 \(project\)](#)

ADDITION REQUIRED (data for 1997)
Il-24

Project of a bomber based on [the Il-22](#) (not built). R&D - spring 1947. Intended for use only from concrete runways.

Author: [DIMMI](#) Created: 15.08.2009 20:24:17 Comments: [1](#) [READ THE FULL ARTICLE](#) ➤

[Tu-14 BOSUN](#)

ADDITION REQUIRED (data for 1997)
Tu-14 BOSUN

Medium torpedo bomber. First flight of prototype "73" - December 29, 1947 (pilot - F.F.Opadchiy). First serial ("81") - 1949, series - 1953. By default, data Tu-14 ("81").

Author: [DIMMI](#) Created: 15.08.2009 19:04:24 Comments: [1](#) [READ THE FULL ARTICLE](#) ➤

[Su-10 / aircraft E](#)

ADDITION REQUIRED (data for 1997)
Su-10

Experimental bomber (aircraft "E") of the P.O. Sukhoi Design Bureau. R&D - 1946. Built by the end of 1947. Work on the project ceased in 1948.

Author: [DIMMI](#) Created: 13.08.2009 00:39:48 Comments: [4](#) [READ THE FULL ARTICLE](#) ➤

[VM-24 / RB-17](#)

ADDITION REQUIRED (data for 1997)
VM-24 / RB-17

Project of a high-speed day bomber by V.M. Myasishchev Design Bureau. R&D - 1945-1946. Work ceased in 1946. Never built or flown.

Engines - 4 x RD-10 (Soviet analogue of the German Jumo-004, in pairs on the wing one above the other)

Author: [DIMMI](#) Created: 12.08.2009 23:03:22 Comments: [1](#) [READ THE FULL ARTICLE](#) ➤

[Il-22](#)

ADDITION REQUIRED (data for 1997)
Il-22

Experimental bomber. R&D - since summer 1946. First flight of the prototype - July 24, 1947 (pilots V.K.Kokkinaki and K.K.Kokkinaki). Second stage of testing (with solid-propellant rocket motors) - since February 7, 1948 (pilot V.K.Kokkinaki).

Author: [DIMMI](#) Created: 12.08.2009 23:13:12 Comments: [1](#) [READ THE FULL ARTICLE](#) ➤

[Tu-12 / plane 77 / Tu-77](#)

ADDITION REQUIRED (data for 1997)
Tu-12 / plane 77 / Tu-77

An experimental jet bomber based on the Tu-2. R&D - March-April 1947. In May 1947, Plant No. 156 began reworking Tu-2 No. 16/52 produced by Plant No. 23 according to Project 77. First flight - June 27, 1947 (pilot A.D. Perelet). Serial production was planned at Plants No. 23 in Moscow, No. 156 in Omsk and No. 39 in Irkutsk. Factory tests were completed on September 10, 1947. State tests were conducted from October 4, 1947 to February 27, 1948.

[Electronic warfare complex Khibiny.](#)

PPP Wrote:Max Wrote:data on non-use of Khibiny ...There are general rules of counteraction...

[Altimeter](#) 2017-11-01 17:46

[Electronic warfare complex Khibiny.](#)

And a video-schmideo to boot <https://youtu.be/kOcQ3ru4QUE> pak-fa

[oldstaryi](#) 2017-10-31 20:43

[Electronic warfare complex Khibiny.](#)

In principle, so much has been written about Khibiny that, thanks to some, it is not entirely...

[oldstaryi](#) 2017-10-31 20:37

[Electronic warfare complex Khibiny.](#)

Photo of the piece of iron itself [Sierra](#) 2016-09-18 16:10

[Electronic warfare complex Khibiny.](#)

The material, of course, is not entirely appropriate, but it fits in with the discussion here...

[osankin](#) 2014-09-09 12:05

[Electronic warfare complex Khibiny.](#)

PPP Wrote: Moreover - you can't explain why they are suppressing the Aegis radars at such a low...

[Artist](#) 2014-09-09 00:12

[Electronic warfare complex Khibiny.](#)

Max Wrote: Ok, thanks for the answer, frankly speaking, not a single answer to those...

[Artist](#) 2014-09-08 23:43

[Electronic warfare complex Khibiny.](#)

Max Wrote: data on the non-use of Khibiny ...There are general rules for counteracting the means...

[PPP](#) 2014-09-05 18:28

Author: [DIMMI](#)

Created: 13.08.2009 00:28:17

Comments: [1](#)[READ THE FULL ARTICLE](#) ➤

69, 71, 72, 74, 76 OKB A.N. Tupolev

DATA IS NOT ACCURATE (1997)

Aircraft 69, 71, 72, 74, 76 OKB A.N. Tupolev

Medium bomber projects 1946-1947. OKB-156 of A.N. Tupolev. Start of R & D:

- aircraft 71 - 1946
- aircraft 72 - 1946
- aircraft 74 (name in the Air Force - Tu-22 - high-altitude reconnaissance aircraft and Tu-32 - medium bomber) - August 1946
- aircraft 69 - 1947

Features:

- 72 - pressurized cabin;
- 74 - created on the basis of Tu-2;
- 76 - essentially a modernization of Project 74;
- 69 - the second version of aircraft 72;

Author: [DIMMI](#)

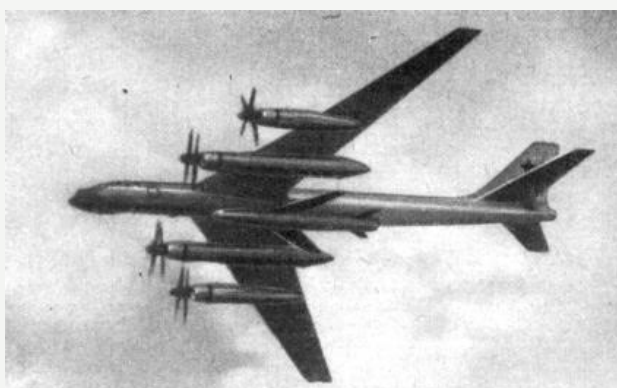
Created: 12.08.2009 23:28:34

Comments: [1](#)[READ THE FULL ARTICLE](#) ➤

X-20 (AS-3 KANGAROO)

K-20 complex (Tu-95K-20), Kh-20 / Kh-20M missile - AS-3 KANGAROO

Cruise missile. Developed by the MiG Design Bureau for the Tu-95K-20 complex, chief designer M. Gurevich. R&D of the complex began in March 1955. All systems of the missile complex (Kh-20) were tested on a modified MiG-19 (SM-20) launched from a Tu-95 carrier aircraft in a manned version. The complex was accepted into service in the fall of 1959.



X-20 under Tu-95K (Astashenkov, Soviet Missile Forces. // M., 1967)

Author: [DIMMI](#)

Created: 26.01.2009 00:26:29

Comments: [4](#)[READ THE FULL ARTICLE](#) ➤

X-37

X-37

Anti-radar missile of NPO "Zvezda". Can be used as an air-to-air missile on advanced aircraft. As of 1997, it is under development or undergoing testing.

Length - 4700 mm

Case diameter - 360 mm

Author: [DIMMI](#)

Created: 25.01.2009 01:02:05

Comments: [1](#)[READ THE FULL ARTICLE](#) ➤

R-23 / R-24 (AA-7 APEX)

K-23 complex, R-23R (edition 340) and R-23T (edition 360) missiles - AA-7 APEX R-24R (R-23MR) edition 140 and R-24T (R-23MT) edition 160 missiles - AA-7B APEX

The missile was developed by OKB-4 M.R. Bisnovata (now NPO Molniya). It was accepted into service in 1974. It is used on MiG-23 (R-23) aircraft and its modifications (R-24 - MiG-23MLA/P/MLD) from the APU-23 / APU-23M (R-24) launcher. Tactical analogues of the T-140R and T-160R are used for training purposes.



AA-7 (R-23R) and AA-8 (R-60) under MiG-23MF of the Polish Air Force. (Wings of the Motherland. No. 11 / 1993)

Author: [DIMMI](#)

Created: 21.01.2009 23:57:47

Comments: [1](#)

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Complex K-13 (AA-2 ATOLL)

K-13 complex, R-3A missile (IR mod., prototype) - AA-2 ATOLL

K-13A / K-13T complex, R-3S missile (IR mod., product 310) - AA-2A ATOLL-A

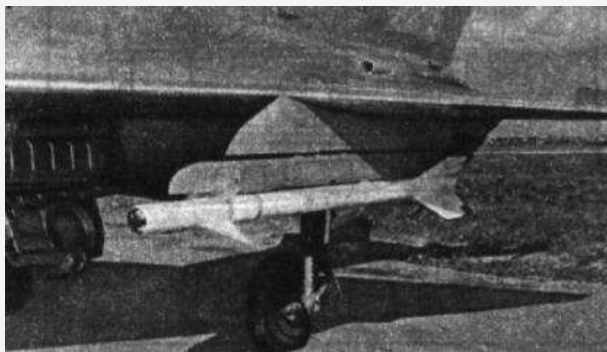
R-2L missile

AA-2B

Complex K-13R, missile R-3R (radar mod., product 320), later R-13 / R-13R - AA-2C ATOLL-C

K-13M complex, R-13M missile (product 380) / R-13M1 - AA-2D ATOLL-D

K-14 missile (experimental) - AA-2-2 ADVANCED ATOLL



R-3S missile on the MiG-21F-13 prototype

Author: [DIMMI](#)

Created: 12.02.2009 22:28:02

Comments: [1](#)

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Complex Phalanx (AT-2 SWATTER)

Complex 9k8 "Phalanga-M", missile 9m17m (9m17db?) "Scorpion-M" - AT-2 SWATTER-B

Complex 9k8 "Falanga-PV" / "Fleita", missile 9m17p (9m17mp, 9m17n) "Scorpion-P" - AT-2 SWATTER-C

The first ground version of the complex (2k8 "Phalanga") was developed in OKB-16 under the supervision of A.E. Nudel'man, the 3M11 missile - in the Shavyrin Design Bureau. The "Scorpion" complex was developed on the basis of the "Phalanga" in the SKB under the supervision of S.P. Nepobedimyy. The first ground version of the SWATTER-A was accepted into service in 1962, the 9M17M missiles were tested together with the Mi-4AV since May 1965, and began to enter service in 1968. The 9M17P missiles began to enter service in 1969. The 9M17MP modification has a more powerful engine and an updated control system.



ATGM "Phalanx" on Mi-4AV (Angelsky R., Khrushchev's hard times or Nikita Sergeevich and aviation. // Aviation and Cosmonautics. No. 10 / 2005)

Author: [DIMMI](#)

Created: 18.01.2009 01:15:23

Comments: [1](#)

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Complex 9k113 Sturm-V (AT-6 SPIRAL)

Complex "Shturm-V" 9k113, missile 9m114 "Kokon" - AT-6 SPIRAL (AS-8)**Complex "Shturm-VM" 9k113m, missile 9m120 "Ataka" - AT-6M SPIRAL**

It was developed and is produced by the Machine-Building Design Bureau (Kolomna) and the Izhevsk Machine-Building Plant State Enterprise. R & D began in 1968. Tests with the Mi-24 helicopter began in 1972. It was accepted into service as part of the Mi-24V helicopter weapons system on 29.03.1976 (in 1980, according to Western data - probably mass deliveries to the troops). It is used from a container. The Ataka system is a modernized Shturm-V for the Mi-24P and Mi-28 helicopters (first mentioned in the press in 1992). Initially, the missile was called NATO AS-8, but was later more accurately identified. The Shturm-V ATGM missiles can be used against low-flying air targets.



9M120 missile and TPK at the MAKS-2003 exhibition (<http://maks.sukhoi.ru>)

Author: [DIMMI](#)

Created: 18.01.2009 01:40:22

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590



Rambler's
Top100



AviaTOP